



PATENT

ATTORNEY DOCKET NO.: 046124-5359

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Tadaaki HIRAI, et al.)	
)	
Application No.: 10/525,248)	Confirmation No.: Unassigned
)	
Filing Date: February 22, 2005)	Group Art Unit: Unassigned
)	
For: RADIATION DETECTOR)	Examiner: Unassigned

Commissioner for Patents
U.S. Patent and Trademark Office
Customer Service Window
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicants bring to the attention of the Examiner the documents listed on the attached PTO Form 1449. To the best of the undersigned's knowledge, this Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits for the above-referenced application. Accordingly, Applicants do not believe that a fee is due for filing this paper.

Copies of the listed non-U.S. documents are attached. U.S. Patent No. 6,236,880 is discussed at page 1 of the instant application's specification. The remaining documents included in this Information Disclosure Statement (IDS) were cited by the Japanese Patent Office in a PCT International Search Report dated December 2, 2003. A copy of the Search Report is enclosed for the Examiner's consideration.

In lieu of a statement of relevance or translation of the non-English documents, an English language version of the above-discussed Search Report citing these documents and setting forth the relevance thereof is enclosed. Also for relevance, copies of English-language

abstracts are provided for particular non-English documents. Reference can also be made to the drawings in the non-English documents for relevance.

Applicants request that the Examiner consider the listed documents and evidence that consideration by making appropriate notations on the attached PTO Form 1449.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that any of the listed documents is material or constitutes "Prior Art." If it should be determined that any of the listed documents does not constitute "Prior Art" under United States law, Applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should any of the documents be applied against the claims of the present application.

EXCEPT for issue fees payable under 37 C.F.R. § 1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R. §§ 1.16 and 1.17 which may be required, including any required extension of time fees, or credit any overpayment to Deposit Account 50-0310. This paragraph is intended to be a CONSTRUCTIVE PETITION FOR EXTENSION OF TIME in accordance with 37 C.F.R. § 1.136(a)(3).

Respectfully submitted,

MORGAN, LEWIS & BOCKIUS LLP

Dated: April 29, 2005

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INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

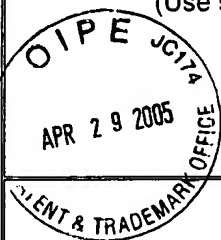
PTO Form 1449
PAGE 1 of 1Attorney Docket No.:
046124-5359

Application No.: 10/525,248

Applicants: Tadaaki HIRAI et al.

Filing Date: February 22, 2005

Group Art Unit: Unassigned

**U.S. PATENT DOCUMENTS**

*Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date
	4,959,547	09/25/1990	Carroll et al.			
	6,236,880 B1	05/22/2001	Raylman et al.			

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Sub Class	<u>Translation</u>	
						YES	NO
	5-500415	01/28/1993	Japan				X
	07-055943	03/03/1995	Japan			Abstract	
	06-331934	12/02/1994	Japan			Abstract	
	02-206787	08/16/1990	Japan			Abstract	

Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.